

IN THE CLAIMS

Please amend the claims as follows.

Claims 1-6. Cancelled

7. (Original) A production process of a gas turbine, comprising a compressor for compressing atmospheric air and generating compressed air, a combustor for mixing and combusting the compressed air and fuel and generating combustion gas, and a turbine driven with the combustion gas, said gas turbine being constructed of a plurality of design elements necessary in designing said compressor, said combustor and said turbine, the process comprising the steps of:

designing common elements, which are used in common in various power generation cycles, from among the design elements of said gas turbine; and

designing said gas turbine such that the common elements are adapted for a power generation cycle of the gas turbine to be produced.

8. (Original) A production process of a gas turbine comprising a compressor for compressing atmospheric air and

generating compressed air, a combustor for mixing and combusting the compressed air and fuel and generating combustion gas, and a turbine driven with the combustion gas, said gas turbine being constructed of a plurality of design elements necessary in designing said compressor, said combustor and said turbine,

wherein the design elements of said gas turbine have parameters necessary in designing the design elements, and

the process comprises a first step of setting values of the parameters of common elements, which are used in common in various power generation cycles, from among the design elements of said gas turbine, and designing the common elements based on the set values of the parameters, and

a second step of designing said gas turbine such that the designed common elements are adapted for a power generation cycle of the gas turbine to be produced, thereby producing said gas turbine.

9. (Original) A production process of a gas turbine comprising a compressor for compressing atmospheric air and generating compressed air, a combustor for mixing and combusting the compressed air and fuel and generating combustion gas, and a turbine driven with the combustion gas,

said gas turbine being constructed of a plurality of design elements necessary in designing said compressor, said combustor and said turbine,

wherein the design elements of said gas turbine have parameters necessary in designing the design elements, and

the process comprises a first step of setting values of the parameters of common elements, which are used in common in various power generation cycles, from among the design elements of said gas turbine, and designing the common elements based on the set values of the parameters,

a second step of designing said gas turbine such that the designed common elements are adapted for a desired power generation cycle, and

a third step of modifying design of the designed gas turbine such that the common elements are adapted for a power generation cycle different from the desired power generation cycle, thereby producing said gas turbine.

10. (Original) A gas turbine comprising a compressor for compressing atmospheric air and producing compressed air, a combustor for mixing and combusting the compressed air and fuel and producing combustion gas, and a turbine driven with the combustion gas, said gas turbine being constructed of a

plurality of design elements necessary in designing said compressor, said combustor and said turbine,

wherein the design elements of said gas turbine include common elements used in common in various power generation cycles, and when designing said gas turbine, the common elements are adapted for a power generation cycle of the gas turbine to be produced.

11. (Original) A gas turbine comprising a compressor for compressing atmospheric air and producing compressed air, a combustor for mixing and combusting the compressed air and fuel and producing combustion gas, and a turbine driven with the combustion gas, said gas turbine including common elements which are designed by setting at least one of a combustion temperature and a pressure ratio,

wherein said gas turbine have common elements for which values of the combustion temperature and the pressure ratio in a power generation cycle of the gas turbine to be produced differ from a value of at least one of the combustion temperature and the pressure ratio utilized in design of the common elements.

12. (Original) A process of modifying a gas turbine comprising a compressor for compressing atmospheric air and producing compressed air, a combustor for mixing and combusting the compressed air and fuel and producing combustion gas, and a turbine driven with the combustion gas, said gas turbine including common elements which are designed by setting at least one of a combustion temperature and a pressure ratio, said gas turbine being designed and produced such that the designed common elements are adapted for a power generation cycle of the gas turbine to be produced,

wherein said gas turbine is modified in design such that the common elements are adapted for a power generation cycle of the gas turbine after modification.

13. (Original) A process of modifying a gas turbine comprising a compressor for compressing atmospheric air and producing compressed air, a combustor for mixing and combusting the compressed air and fuel and producing combustion gas, and a turbine driven with the combustion gas, said gas turbine including common elements which are designed by setting at least one of a combustion temperature and a pressure ratio, said gas turbine being designed and produced

such that the designed common elements are adapted for a power generation cycle of the gas turbine to be produced,

wherein values of the combustion temperature and the pressure ratio in a power generation cycle of the gas turbine after modification differ from a value of at least one of the combustion temperature and the pressure ratio utilized in design of the common elements.